

## CLAIMS

1. A viewing device comprising:

an eyepiece; and

5 a reference plate that is provided with a first clear plate including a reticle forming surface on which a reticle is formed, said reference plate being positioned on an optical axis of said eyepiece;

wherein said reticle forming surface is curved in  
10 accordance with a field curvature of said eyepiece.

2. A viewing device according to claim 1, wherein said reticle forming surface is curved so as to approximately accord with a field curvature of a sagittal image surface of said eyepiece.

15 3. A viewing device according to claim 1, wherein said reference plate is provided with a frame forming surface on which a frame for a field of view is formed.

4. A viewing device according to claim 1, wherein said reference plate is composed of two clear plates including said  
20 first clear plate, and said two plates are bonded in such a manner that said reticle forming surface is a bonded surface.

5. A viewing device according to claim 1, wherein said reference plate has no significant refracting power.

6. A viewing device according to claim 4, wherein, on said  
25 reference plate, both an incidence surface and an exit surface

are plane.

7. A viewing device according to claim 1, wherein said reference plate includes a second clear plate that is provided with a frame forming surface on which a frame for a field of view is formed, said reticle forming surface and said frame forming surface are placed so as to face each other, and the radius of curvature of said reticle forming surface and the radius of curvature of said frame forming surface are different.

8. A viewing device according to claim 7, wherein said frame forming surface is curved so as to approximately accord with a field curvature of a meridional image surface of said eyepiece.

9. A viewing device according to claim 7, further comprising a sealing member that hermetically seals a gap which is formed between the peripheral portions of said first and second clear plates.